

July 9, 1992
15621 SE 26th Street
Bellevue, WA 98008

KEY LETTER # 2

TO:

Tom French, W1IMQ
Joe Jacobs
John Elwood, WW7P
Dave Pennes, WA3LKN
Henry Engstrom
Jim Aguirre, WB7DHC

Ralph Ward
5513 Orlin Drive
Chattanooga, TN 37411

Thank you for your letters. I have decided to see how a "newsletter" type of letter will work out. I do a horrendous amount of correspondence, and this will be a good way to be a more timely on my replies. It will also serve to share information and to document all of our findings. I get the idea that all of us are "re-discovering" a lot of the same information on keys. By circulating correspondence I hope to keep track of who is working on what and any new information that has come up. So here goes:

Tom, I have enclosed photos of the keys that you were interested in. If these are of good enough quality for publication please feel free to do so....photo credit please. The Mac Junior is a singularly ugly key, and was a bear to photograph. If you want me to shoot it and the Navy Mac in Black and white please let me know. Keep the photos. I will check to see if I have the 1934 bug that you mentioned, but since most of my stuff is packed away it will take me a while to get to it. I will also run an inventory per your sheet when I get them all out.

I have also enclosed a group photo of seven teardrop straight keys. At least some of them are phoney. Some have a hole in the center of the arm, others have a bump, and others a bolt. Some have nut type binding posts, some screw type, and one has plastic nuts. Any info on this?

John, Tnx for the note on the bugs. Unfortunately most of mine are packed away and I'll have to do a major digging job to get the information you requested. I just obtained another [my third] showcase, and as soon as I get it refurbished I will be stocking it with keys. This will require that all of the stuff come out of hiding, so when it does I will capture the requested information. For now I can provide the following:

59483 BLUE RCR Highest patent number is 1,043,449. The 253 Broadway is as shown on the left of the page. The patent numbers are all in a line. [The label without the notched edges] This key, by

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the way is deep blue and has the "U" shaped damper.

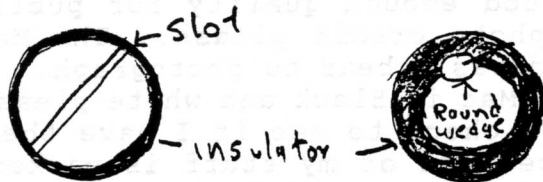
80223 Junior Highest number is 126008. There is nothing to the right of the highest number. This one has the 825 Broadway number.

101031 Lightning The highest number is 1445228. This number is stamped just to the right of #1260008. This one has the 796 Fulton Street address.

10238 X This bug has no patent numbers. It is labeled "The Vibroplex, trademark, Manufactured by, Horace G. Martin, New York."

In your card you requested an update on my post 1900 keymakers list. I am enclosing it for all to see. CAUTION: I feel that this information is about 90% accurate. If you see any errors I would certainly appreciate it. I am attempting to verify each and every bit of information here, so copies of old ads, etc would be appreciated. I feel that I have hit about half of the makers on this list, so additional information would be nice.

Joe, per your request I have enclosed photos of my Bunnell dual speed keys. One of the photos shows the variation on the bottom side of the contact that we discussed. For everybody's benefit the following is a sketch of the two variations that we have found. Any information as to when this change was made would be valuable.



I would be interested to know if the black metal base on #5 is the item described as "list 5879, Portable base" in the 1918 Bunnell catalog.

I have searched my soul, and at this time I am not willing to part with any of these. I would, however, be willing to lend you any and all for you to get measurements, etc.

Dave, thanks for the pictures. Glad that you enjoyed the infamous Christmas letter. As you can see, every once in a while I decide that I am a comic or something.... Re the pix:

#1 Winslow made zillions of keys, especially the J-37 models.

#2 I have no ideas on an "ARTEC" J-37. This is a new one on me. John Elwood, Tom French, and Henry Engstrom are doing a lot of research on military keys. Any ideas guys?

- #3 The Thompson Levering is a pretty item and looks like it is in good shape. I have long suspected that Bunnell made steel lever keys for all comers and simply put the "manufacturers" name on the shorting arm for each special order. Joe is the reigning Bunnell expert. Any ideas Joe?
- #4 Re the oddball with contacts fore and aft. Sure looks like a Speed-X to me. It is possible that somebody scavenged contacts parts from another key to make up the front stop. Are the front contacts connected to anything? the British were big on dual contact keys, and this one could have been part of a special order.
- #5 This one sure looks like the Signal R-62, R-63, or R-64. The size of the contacts determines the model number. Speed-X [the Original Speed-X, the Johnson Speed-X, and now the Nye Speed-X] all made similar keys. The grooves on the bottom of the Navy type knob turns up frequently, but I have no idea what it means.
- #6 This is probably made by Bunnell, but who knows.
- #7 I have a bunch of these "CLT" keys, and I have no idea what it stands for. I have some "New in Box" military keys stashed away, and I hope to get the identifiers off the boxes.

Tom [through Artifax Books] sells a reprinted Bunnell catalog. Tom, you might be interested in picking up a copy.

I have updated Henry's list to add "CMI" [per Tom French] and "CMK" per the label on my Mac Navy bug:

TEL CTE	TELEPHONICS CORPORATION
CSE	SIGNAL ELECTRIC
CEJ	E.F. JOHNSON
CTC	CHICAGO TELEPHONE SUPPLY
WE CW	WESTERN ELECTRIC
CJB	J.H. BUNNELL
CMI	MOLDED INSULATION COMPANY
?	BENDIX
CMK	McELROY

This list is a big help. and will help he identify a bunch of keys. Any additions would be appreciated.

By the way, if any of you write to Henry be aware that he is a maritime radio operator, and spends a lot of time at sea, so replies may take a while.

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RECENT ACQUISITIONS:

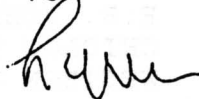
1. #436 MAC key deluxe bug, in the box, serial number 1187. Pristine shape.
2. #435 "J & L B" British straight key with the brand name of "Merit". Looks to be of recent manufacture and has the cone embossed in the top of the base. Sort of a super fancy toy key.
3. #434 Practice set [key and sounder] on a cast iron base. The sounder unbolts, but the key is cast in. No names, and painted blue and yellow by some idiot. The original finish is intact below the mess, though the gold pin striping is suffering in the clean up.
4. #406 Bunnell main line sounder and straight key in a rectangular open faced green box. This item was swiped from the Seattle Western Union office in 1953. It has a leather strap handle on the top and looks like a set that would be used for temporary setups [like a ball game, or news event. Anyone have any ideas?

RESTORATION TIPS:

I have been having good luck with a product called "Briewax" on wood finishes. This stuff is widely available through antique dealers. I use it with 0000 steel wool. It seems to revitalize finish without taking it away. It really does miracles on practice sets, sounders and relays.

Well, there you have it. Any comments or feed back would be appreciated. If any of you send me any correspondence that you don't want made general information please let me know.

73



Lynn, N7CFO

N7CFO POST 1900 KEY MANUFACTURER COMPILATION

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MANUFACTURER	BRAND_NAME	ADDRESS	MODEL	MODEL_NUM	DATES
	Minniplex	E. Germany			1950-1957
	Novoplex	Germany			
A to Z Co. Electric Novelty Co.	ATOZ	Chicago, IL	Improved Vibroplex		c. 1913
Abernathy		Hampton, VA			
Advance Relay Co.					
Ahren & Soper		Ottawa, Canada			
Ameco	Ameco			K-1	
Ameco	Ameco			K-4	
American Electric			Steiner key		
American Marconi Co.	Marconi		1/2 KW spark	CM-125	1918-1919
American Tele-Key					
Amrad			spark		Early 1900's
Apex			Hunter		
Australian Wireless Association				No. 1	
Barker & Williamson, Inc.	Codax Automatic	Bristol, PA		361	
Bauer, Hannes		Germany			Post WW II
Beardslee					
Bencher, Inc.	Bencher	Chicago, IL		BY-1	1977-
Bencher, Inc.	Bencher	Chicago, IL		BY-2	1977-
Bencher, Inc.	Bencher	Chicago, IL		BY-3	1977-
Bencher, Inc.	Bencher	Chicago, IL		ST-1	1977-
Bencher, Inc.	Bencher	Chicago, IL		ST-2	1977-
Bencher, Inc.	Bencher	Chicago, IL		ST-3	1977-
Blue Point		Japan?		XX202	
Boston Navy Yard		Boston, Mass		SE-68A	
Boulter, R.L.	the Boulter	Los Angeles			
Bowman, A.W.					
Brach, L.S.	J-7A	Newark, NJ			WWI
Brach, L.S.	J-5A	Newark, NJ			WWI
Breedlove, Bernard H.	Codetrol	Atlanta, GA			1951
British Post Office					
Brooklyn Metal Stamping Co		Brooklyn, NY	J-36		
Brooklyn Metal Stamping Co		Brooklyn, NY	Speed-Bug		
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		CTL-A	1976-1979
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		CTL-B	1976-1979
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		BTL	1964-1970
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		CTL	1964-1970
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		CSA	1964-1970
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		ST	1964-1970
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		BTL-A	1976-1979
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		UTL-A	1976-1979
Brown Brothers Mach. Co.	Brown Brothers	St. Louis, MO		ST-A	1976-1979
Brown, Rolph	Xograph	Toronto, Canada			1920's
Brumberger		New York			
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York		8 Amp	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York		444	
Bunnell, J.H. & Co.	Bunnell-Martin Flas	New York	5-45		
Bunnell, J.H. & Co.	Bunnell-Martin Flas	New York	5-46		
Bunnell, J.H. & Co.	Bunnell-Martin Flas	New York	5-47		
Bunnell, J.H. & Co.	Bunnell-Martin Flas	New York	5-48		
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Alt Currnt Comb	9056	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Army Field Tel	597	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Barclay Box Rly	404	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Beeko Learner's	5873	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Beeko wireless	7943	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Blinko Buzzplex	9028	

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MANUFACTURER	BRAND NAME	ADDRESS	MODEL	MODEL_NUM	DATES
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Box Relay	542	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Buzzplex	8656	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Dandy Key	775	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Dandy Learners	607	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Dandy learners	430	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Dandy learners	430	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Double Speed	5876	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Double Speed wirls		
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Fry Open Circ	6215	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Giant combination	433	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Giant combination	432	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Gold Bug		
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Improved Cable	9052	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	J-36 Bug		
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Mascot wireless	8650	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Mascot wireless	8949	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Mascot wireless	9027	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Mascot wireless	9026	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Miniature	440	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Miniature	441	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Miniature combinat	9419	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Miniature combinat	9420	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Miniature combinat	9421	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	New Departure	436	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Open Circuit	9035	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Pole Changer	9039	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Snare drum relay	S220	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Standard Wireless	7939	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Standard Wireless	7940	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Standard Wireless	7941	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Straight line		
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Strailght line rad	9000	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Strap key	1571	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Strap key	1570	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Strap key	1579	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Triumph	9050	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Victor	9121	
Bunnell, J.H. & Co.	J.H. Bunnell & Co.	New York	Xtra heavy Strap	6337	
Central Typewriter Exchange	Dununit Bug	New York			1920's
Clapp Eastham	Boston Key	Cambridge, Mass	Boston Key		c. 1915
Clark, James Jr.	Martin Rotoplex	Louisville, KY	Rotoplex		WW II
Clark, Jas Jr. Electric Company	Rotoplex	Louisville, KY	Rotoplex		1943
Coffe, W.O.					1906
Cohen, Leo G.	Simplex Auto	Melbourne, Australia			1930's
Crosley				J-38	
Crosley				J-44	
D&K	Dinger	Cleveland, OH			
Data Engineering, Inc.	Electronic Feather	Springfield, VA			
DeForest			10 KW spark		1905
Dentsu-Seiki		Japan	Swallow	hk-7	
Dittmore-Freimuth Corp.	Milwaukee, Wisc.			SB-315 B/U	
Dow, Paul	Dow-Key	Winnipeg, Canada	Bent Dow		1940's
Dow, Paul	Magnetograph	Winnipeg, Canada	Magnetograph		Early 1900's
Dow, Paul	Dow-Key	Winnipeg, Canada	Rotary		1940's
Dow, Paul	Dow-Key	Winnipeg, Canada	Standard		1940's
Dow-Key Co.	Dow-Key	Warren, Minn.	Rotary		Early 1950's
Dulaney					

MANUFACTURER	BRAND_NAME	ADDRESS	MODEL	MODEL_NUM	DATES
Dunn, Thomas	Dunduplex	New York			1909
E.S. Greeley					
El-Key	El-Key	Babylon, Long Is, NY			
Electric Eye Equipment Co.	Mon-Key	Danville, IL	Mon-Key		Late 40's
Electro Importing Co		New York	Electro Double Cir	1119	1914-?
Electro Importing Co		New York	Electro Single cir	1118	1914-?
Electro Importing Co		New York	Electro telegraph	1117	1914-?
Electro Importing Co		New York	Electro wireless	9212	1914-?
Electro Mfg. Co	Electro Bug	San Francisco	Electro Bug Jr.		
Electro Mfg. Co	Electro Bug	Fresno	Electrobug		
Electro Mfg. Co	Electro Bug	San Francisco	Model 11		
Electro Specialty Apparatus Co.	"Cedar Rapids Bug"	Cedar Rapids, IA			1930's
Electron Processing Inc.	Green Lake	PO Box 68, Cedar, MI	Key		May, 1991-
Electron Processing Inc.	Green Lake	PO Box 68, Cedar, MI	Paddles		May, 1991-
Electrophysics Corp	Autronic	Costa Mesa, CA			Early 50's
Electrophysics Corp	Autronic	Newport Beach, CA			50's - 60's
Emery, A.H.	Go-Devil	Poughkeepsie, NY	Go-Devil		
Ericksson		Sweden			
Federal Telegraph Co.		San Francisco, CA		45012	1918-1919
Foote Pierson					
General Radio			spark		Early 1900's
Go-Devil	Go-Devil		U		1957
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Del Brass	20	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Del Chrome plated	17	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Del Polished Brass	15	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Deluxe Chrome	22	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Grande Lux	18	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Grande lux	25	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Grande Luxe Pump	6	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Greek Marble	5 chrome	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Greek Marble	4 pol brass	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	kit key	11	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Kit key - assembl	13	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Kit key - no base	12	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Lakeland stone	1 satin brass	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Lakeland stone	2 polsh brass	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Lakeland stone	3 chrome	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Prime Luxe	27	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Prime Luxe Pump	8	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Special	23	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Std Brass	19	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Std Chrome	21	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Std Chrome plated	16	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Std. brass	14	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Super Luxe	26	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Super Luxe Pump	7	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Supreme grand luxe	28	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Supreme Grande Lux	9	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Trophy Grande Lux	10	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England	Very high speed	24	1990's
Gordon Crowhurst	G4ZPY	Ormskirk Lancs, England		167	1920's
Graham & Latham, Ltd	Scribo-Morse	London			
HAL Communications	FY0		FY0 key		1975-1976
Ham Radio Center, Inc.	HAM-KEY	St. Louis, MO.			
Ham Radio Center, Inc.	HAM-KEY	St. Louis, MO.	HK-3M		
HAMCO			Carson		1978
HAMCO			Scotia		1978
HAMCO			Trinidad		1978

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MANUFACTURER	BRAND_NAME	ADDRESS	MODEL	MODEL_NUM	DATES
Heath	Heath Kit	Benton Harbor, MI		HD-10	
Heath	Heath Kit	Benton Harbor, MI		HD-10	
Heath	Heath Kit	Benton Harbor, MI		HD-1410	
Heinz and Kaufman					1920's
Hi-Mound Electric Co.	Hi-Mound	Tokyo		BK-100	Post war
Hi-Mound Electric Co.	Hi-Mound	Tokyo		HK-704	Post war
Hi-Mound Electric Co.	Hi-Mound	Tokyo		HK-76	Post war
Hi-Mound Electric Co.	Hi-Mound	Tokyo		HK-3	Post war
Hi-Mound Electric Co.	Hi-Mound	Tokyo		FK-3	Post war
Hills, J.A. W8FYO	FYO Key		FYO key		11/1962-1963
Hitchcock Brothers	Automorse	Adelaide, Australia			
Hulit					1909 to 1911
Independent Wireless Co.					
Insuline Corp of America		USA	Tri-Plex Tri-Signa		
Ivalek					
Japan Radio Company				CCK-410	
Johnson, E.F.		Waseca, MN		J-37	
Johnson, E.F.		Waseca, MN		J-44	
Johnson, E.F.	Speed-X	Waseca, MN		114-500	1947-
Johnson, E.F.		Waseca, MN		114-520	1947-
Johnson, E.F.		Waseca, MN		114-501	1947-
Johnson, E.F.		Waseca, MN		114-501L	1947-
Johnson, E.F.		Waseca, MN		114-515	1947-
Johnson, E.F.		Waseca, MN		114-515L	1947-
Johnson, E.F.		Waseca, MN		114-320	1947-
Johnson, E.F.		Waseca, MN		114-321	1947-
Johnson, E.F.		Waseca, MN		114-326	1947-
Johnson, E.F.		Waseca, MN		114-310	1947-
Johnson, E.F.		Waseca, MN		114-310S	1947-
Johnson, E.F.		Waseca, MN		114-311	1947-
Johnson, E.F.		Waseca, MN		114-311S	1947-
Johnson, E.F.		Waseca, MN		114-312	1947-
Johnson, E.F.		Waseca, MN		114-312S	1947-
Johnson, E.F.		Waseca, MN		114-316	1947-
Johnson, E.F.		Waseca, MN		114-316S	1947-
Johnson, E.F.		Waseca, MN		114-301	1947-
Johnson, E.F.		Waseca, MN		114-301S	1947-
Johnson, E.F.		Waseca, MN		114-300	1947-
Johnson, E.F.		Waseca, MN		114-305	1947-
Johnson, E.F.		Waseca, MN		114-306	1947-
Johnson, E.F.		Waseca, MN		114-450	1947-
Johnson, E.F.		Waseca, MN	Junior	114-510	1947-
Jones, E.O.					
Ken-Pro		Japan		MFL-300	
Ken-Pro		Japan		KK-60	
Kenco					
Kent Ltd.		Preston, UK			1990's
Kilbourne-Clark			5 KW arc	SE-68	1918-1919
Kungsimport					
Leach Relay Co.	Speedoplex	San Francisco, CA			1930's
Leach Relay Co.	Speedoplex	Los Angeles, CA	No. 2		1930's
Lefor Industries	Nikey	New Canaan			
Levinson	Like A Flash				
Lionel		New York		J-36	
Lionel				J-38	
Logan, Les	Speed-X	San Francisco		501	1926-1947
Logan, Les	Speed-X	San Francisco		515	

MANUFACTURER	BRAND_NAME	ADDRESS	MODEL	MODEL_NUM	DATES
Lovett Garceau Electro Keyer					1942
Lowenstein Radio Co., Inc		Brooklyn, NY	SE-923		1919
Lundquist Tool & Mfg Co.					
Mace, F.F.	Cricket	Dallas, TX			1920's
Manhattan Electric Supply Co.	MESCO	New York			
Marconi				365A	
Marconi	Boston Navy Yard		1/2 KW spark	SE-44	
Marconi			C		
Marconi Wireless Tel Co. of Canada	Marconi				
Marconi Wireless Telegraph Co. of Ame			1/2 KW spark	SE-86	
Martin Research and Manufacturing		New York	Flash Key		WWII?
Martin Research and Manufacturing		New York	Flash Key # 1		WWII?
Martin, Horace G.	Autoplex				1902-1903
Martin, Horace G.	Rotoplex		Rotoplex		1941-?
Massie Wireless Telegraph Co.	Massie	USA			Early 1900's
McDonald	Pendograph	Adelaide, Australia			c. 1900
McElroy, T.R.	Mac Key	Boston, Mass		CMK-26009	
McElroy, T.R.	Mac Key	Boston, Mass		P-500	
McElroy, T.R.	Mac Key	Boston, Mass	500-452		
McElroy, T.R.	Mac Key	Boston, Mass	Deluxe Mac		
McElroy, T.R.	Mac Key	Boston, Mass	Junior Mac Key		
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	S-100	
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	300	
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	BS-300	
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	100	
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	200	
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	BS-200	
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	S-600-PC	
McElroy, T.R.	Mac Key	Boston, Mass	MAC Handkey	S-600-SC	
McElroy, T.R.	Mac Key	Boston, Mass	Mac Key		1934-?
McElroy, T.R.	Mac Key	Boston, Mass	Professional	P-500	
McElroy, T.R.	Mac Key	Boston, Mass	Professional		
McElroy, T.R.	Mac Key	Boston, Mass	Standard		
McElroy, T.R.	Mac Key	Boston, Mass	Streamspeed	P-600	1939-?
McGeoch, Wm. & Co.				MK II	
McIntosh Electric Co.		Chicago			
McIntosh, L.C.	Ultimate Transmitt	Los Angeles			Mid 30's
MECHANICAL TOY COMPANY	STRAUSS	1107 BROADWAY, NEW YORK			
Mecograph		Cleveland, OH	1907	1907	1906-1913
Mecograph		Cleveland, OH	1908		1906-1913
Mecograph		Cleveland, OH	1909		1906-1913
Mecograph		Cleveland, OH	1911	1911	1906-1913
Melehan Radio Products Co.	Melehan	Anaheim, CA	Valiant		1940's
Menominee					
MFJ				MFJ-422B	
MFJ				MFJ-557	
Mt. Auburn Specialty Company					
National Radio Institute			Right angle bug		
National Transmitter Co. Inc	National Speed Key				early 20's
New Haven Clock Co.		New Haven, CT			
New Haven Clock Co.		New Haven, CT			
Northern Electric		Canada			
Nurkiewicz, Steve		Port Charlotte, FL	Mercury		1990's
Nye, William	Nye Viking	Bellevue, WA	Iambic Keyer	SSK-1-K	1976 - Present
Nye, William	Nye Viking	Bellevue, WA	Iambic paddles	SSK-1	1976 - Present
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114310003	1976 - Present
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114310001	1976 - Present

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MANUFACTURER	BRAND_NAME	ADDRESS	MODEL	MODEL_NUM	DATES
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114320001	1976 - Present
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114320003	1976 - Present
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114322001	1976 - Present
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114322003	1976 - Present
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114321001	1976 - Present
Nye, William	Nye Viking Speed-X	Bellevue, WA	Key	114321003	1976 - Present
Nye, William	Nye Viking	Bellevue, WA	Master Key	114330001	1976 - Present
Nye, William	Nye Viking	Bellevue, WA	Paddles	SKM-1	1976 - Present
Nye, William	Nye Viking	Bellevue, WA	Paddles/Key	SSK-3	1976 - Present
Nye, William	Nye Viking	Bellevue, WA	Paddles/Key	SKM-016	1976 - Present
O.B. McClintock Co.	Keen Kode Keyer	Minneapolis, MN			1930
O.M. Thomas Electric Company					
Omega Electronics Co.	DA Keyer	San Diego, CA			1967
Palomar Engineers			IC Keyer		c. 1970
Perking Div of K&McD Inc.	Pat Products	Roseland, NJ			
Precision Thermometer Instrument Co.	Lytle Triplex	Philadelphia, PA			
Reeve Electrical		Brooklyn, NY			
Russell & Stoll Co.		New York			
S.M.D. Co.		Pretoria, South Africa			
Sato Parts Co		Tokyo			
Schurr	Schurr	Germany	Champion Hand Key		1990's
Schurr	Schurr	Germany	Mobile Key		1990's
Schurr	Schurr	Germany	Wabler		1990's
Sears Roebuck & Co		Chicago, Ill			
Seiser, Paul Electric Works		San Francisco, CA			
Siato Parts Co		Tokyo			
Siemens & Halske		Germany			
Signal Electric Mfg. Co.		Menominee, Michigan		R-50	
Signal Electric Mfg. Co.		Menominee, Michigan		R-48	
Signal Electric Mfg. Co.		Menominee, Michigan		112-K	
Signal Electric Mfg. Co.		Menominee, Michigan		M-100	
Signal Electric Mfg. Co.		Menominee, Michigan		M-110	
Signal Electric Mfg. Co.		Menominee, Michigan		M-111	
Signal Electric Mfg. Co.		Menominee, Michigan		M-101	
Signal Electric Mfg. Co.		Menominee, Michigan	Junior Key	M-112	
Signal Electric Mfg. Co.		Menominee, Michigan	Practice bzz	R-69	
Signal Electric Mfg. Co.		Menominee, Michigan	Practice Set	R-68	
Signal Electric Mfg. Co.		Menominee, Michigan	R-70 practice		
Signal Electric Mfg. Co.		Menominee, Michigan	Sematic key		
Signal Electric Mfg. Co.		Menominee, Michigan	Sr. Learners		
Signal Electric Mfg. Co.		Menominee, Michigan	Sr. Learners	M-108	
Signal Electric Mfg. Co.		Menominee, Michigan	Sr. Learners	M-109	
Signal Electric Mfg. Co.		Menominee, Michigan	Sr. Learners	M-111	
Signal Electric Mfg. Co.		Menominee, Michigan	Sr. Learners	M-110	
Signal Electric Mfg. Co.		Menominee, Michigan	Standard Key	R-62	
Signal Electric Mfg. Co.		Menominee, Michigan	Standard Key	R-63	
Signal Electric Mfg. Co.		Menominee, Michigan	Standard Key	R-64	
Skillman					
Slaby-Arco		Germany			Early 1900's
Sparton Company		London, Ontario		2342	
Spies Electric Works	W.U. Tel co.	Chicago	Polechanger	1-B	
Standard Radio Co		New York	Standard Auto Key		
Stratton & Co.	Eddystone	Birmingham, England		689	1947
Svenska			140		
Swedish Radio Co			Bug 140		
Telefunken					1910
Telegraph Apparatus Co.		Chicago, Ill		CP810	mid 40's

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MANUFACTURER	BRAND_NAME	ADDRESS	MODEL	MODEL_NUM	DATES
Telegraph Apparatus Co.		Chicago, Ill		CP510	mid 40's
Telegraph Instruments Co.		Chicago			
Telephonics Corporation		New York		CTE-26003A	1940's
Teletex				TY-1	1975
Teletex				TY-1A Deluxe	1975
Thompson Levering		Philadelphia, PA		2A	
Trac Electronics Co.	Trac-Key				
Tri-City Radio Labs	Cootie Key	Rock Island, IL	Cootie key		1920
Ultimate Transmitter Co.	"73"	Los Angeles	1925		1925-1930'
Ultimate Transmitter Co.	"73"	Los Angeles	1926		1925-1930'
United Electrical Manufacturing Co.	Vibroplex	Norcross, GA	Double Lever		7/1907-8/1908
United Electrical Manufacturing Co.	Vibroplex	Norcross, GA	Gem Practice Set		July, 1906
United Electrical Mfg	Martin Autoplex				1904-1905
United Wireless		Seattle, WA	1 KW spark		
United Wireless		Seattle, WA	5 KW spark		
Vibroplex	Vibroplex		#4 Upright		1916-1919
Vibroplex	Vibroplex		Blue Racer		
Vibroplex	Vibroplex	Portland, ME	Brass Racer	EK-1	1982-Present
Vibroplex	Vibroplex	Portland, ME	Brass Racer		1982-Present
Vibroplex	Vibroplex		Champion		11/39-1982
Vibroplex	Vibroplex		Double Lever		1911-1926
Vibroplex	Vibroplex		Iambic Deluxe		1979-Present
Vibroplex	Vibroplex		Iambic Presentatio		1979-Present
Vibroplex	Vibroplex		Iambic Standard		1979-Present
Vibroplex	Vibroplex		J-36		1941-1944
Vibroplex	Vibroplex		Junior		2/34-10/39
Vibroplex	Vibroplex		Lightning Bug		
Vibroplex	Vibroplex		Lightning Bug Del.		3/40-?
Vibroplex	Vibroplex		Midget		11/1918-12/1920
Vibroplex	Vibroplex		Model X		1912-
Vibroplex	Vibroplex		Number 4	Blue Racer	6/1914-1962
Vibroplex	Vibroplex		Number 6	[Lightning]	1927-1982
Vibroplex	Vibroplex		Number one		
Vibroplex	Vibroplex		Original		
Vibroplex	Vibroplex		Presentation		1948-Present
Vibroplex	Vibroplex		Vibro-Keyer		1960-Present
Vibroplex	Vibroplex		Zephyr		11/48-10/58
W.S.A.			Spark		Early 1900's
W6PHA - Global Import Co.	Globalman	Box 2460, El Toro, CA		EK-1080	1974
Walters		England			Early 1900
Westclox		Peterborough, Ontario			WWII
Western Electric					
Western Electric			7B		
Wilcox, Fred		Toronto, Canada			Early 1920
Wilson Mfg. Co.	Wilson	Toronto, Canada		RCAF 10F/7390	1940-1942
Wilson Mfg. Co.	Wilson	Toronto, Canada			1940-1942
Wilson Mfg. Co.	Wilson	Toronto, Canada		10a/4236	
Winslow Tele-tronics, Inc				J-37	
Wireless Specialty Apparatus Co.		Boston, Mass		SE-653	
Wireless Specialty Apparatus Co.		Boston, Mass			
Yetman, Charles	Yetman Transmitter				1902